

IN THE CLAIMS

The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (currently amended): A communication apparatus comprising:
 - connecting means for connecting the communication apparatus to a communication network containing an electronic mail exchange device;
 - input means for inputting image data representing an image;
 - transmitting means for transmitting an electronic mail, to which the image data inputted by said input means is attached, via said connecting means;
 - receiving means for receiving an electronic mail as notification of an error, via said connecting means;
 - analyzing means for analyzing the electronic mail as notification of the error received by said receiving means;
 - converting means for converting a size of the image data, inputted by said input means, into a smaller size according to an analysis result obtained by said analyzing means;
 - control means for automatically carrying out a controlling operation so as to retransmit the electronic mail, to which the image data with the size thereof converted by said converting means is attached, by said transmitting means, in response to said receiving means receiving the electronic mail for notifying the error which indicates that the size of the electronic mail transmitted by said transmitting means is too large; and

output means for outputting a report including at least a transmitting date, a destination, ~~and information for specifying a conversion method, for converting the size of the input image data into the smaller size, used by said converting means~~ original information for specifying a parameter of the image data input by said input means, and retransmission information for specifying a parameter of the image data which has been converted by said converting means, in a case where a retransmitting of the electronic mail by said transmitting means has been carried out.

2. (previously presented): A communication apparatus according to claim 1, wherein said converting means converts the size of the image data specified by the electronic mail analyzed by said analyzing means.

3. (previously presented): A communication apparatus according to claim 1, wherein said converting means reduces the size of the image data by lowering a resolution of an image represented by the image data inputted by said input means.

4. (previously presented): A communication apparatus according to claim 1, wherein said converting means reduces the size of the image data by reducing a size of an image represented by the image data inputted by said input means.

5. (previously presented): A communication apparatus according to claim 1, wherein said converting means reduces a size per electronic mail by dividing the image data inputted by said input means into a plurality of pieces.

6. (previously presented): A communication apparatus according to claim 1, wherein said converting means reduces the size of the image data by raising a compression rate of the image data inputted by said input means.

7. (previously presented): A communication apparatus according to claim 1, wherein said converting means reduces the size of the image data by converting the image data which is color image data, inputted by said input means, into black-and-white image data.

8. (previously presented): A communication apparatus according to claim 1, wherein said converting means reduces the size of the image data by converting the image data which is multivalued image data, inputted by said input means, into binary image data.

9. (previously presented): A communication apparatus according to claim 1, further comprising setting means for setting, for said converting means, one of a plurality of conversion methods to be used, and wherein said converting means converts the size of the image data by the conversion method set by said setting means.

10. (previously presented): A communication apparatus according to claim 1, wherein said converting means converts the size of the image data by using a combination of a plurality of converting methods.

11. (previously presented): A communication apparatus according to claim 1, wherein said control means repeats a conversion by said converting means and a retransmission by said transmitting means every time said receiving means receives an electronic mail as notification of an error.

12. (currently amended): A communication method used in a communication apparatus connected via connecting means to a communication network containing an electronic mail exchange device, the communication method comprising:

an inputting step, of inputting image data representing an image;

a transmitting step, of transmitting an electronic mail to which the image data inputted in said inputting step is attached, via the connecting means;

a receiving step, of receiving an electronic mail as notification of an error, via the connecting means;

an analyzing step, of analyzing the electronic mail as notification of the error, received in said receiving step;

a converting step, of converting a size of the image data inputted in said inputting step into a smaller size according to an analysis result obtained in said analyzing step;

a controlling step, of automatically carrying out a controlling operation so as to retransmit the electronic mail, to which the image data with the size thereof converted in said converting step is attached, by performance of said transmitting step, in response to reception in said receiving step of the electronic mail as notification of the error which indicates that the size of the electronic mail transmitted in said transmitting step is too large; and

an outputting step, of outputting a report including at least a transmitting date, a destination, ~~and information for specifying a conversion method, for converting the size of the input image data into the smaller size, used in said converting step~~ original information for specifying a parameter of the image data input by said input means, and retransmission information for specifying a parameter of the image data which has been converted by said converting means, in a case where the retransmitting of the electronic mail in said transmitting step has been carried out.

13. (previously presented): A communication method according to claim 12, wherein said converting step includes converting the size of the image data specified by the electronic mail analyzed in said analyzing step.

14. (previously presented): A communication method according to claim 12, wherein said converting step includes reducing the size of the image data by lowering a resolution of an image represented by the image data inputted in said input step.

15. (previously presented): A communication method according to claim 12, wherein said converting step includes reducing the size of the image data by reducing a size of an image represented by the image data inputted in said input step.

16. (previously presented): A communication method according to claim 12, wherein said converting step includes reducing a size per electronic mail by dividing the image data inputted in said input step into a plurality of pieces.

17. (previously presented): A communication method according to claim 12, wherein said converting step includes reducing the size of the image data by raising a compression rate of the image data inputted in said input step.

18. (previously presented): A communication method according to claim 12, wherein said converting step includes reducing the size of the image data by converting the image data which is color image data, inputted in said input step, into black-and-white image data.

19. (previously presented): A communication method according to claim 12, wherein said converting step includes reducing the size of the image data by converting the image data which is multivalued image data, inputted in said input step, into binary image data.

20. (previously presented): A communication method according to claim 12, further comprising a setting step, of setting, for said converting step, one of a plurality of conversion methods to be used, and wherein said converting step includes converting the size of the image data by means of a conversion method set in said setting step.

21. (previously presented): A communication method according to claim 12, wherein said converting step includes converting the size of the image data by using a combination of a plurality of converting methods.

22. (previously presented): A communication method according to claim 12, wherein said controlling step includes repeating a conversion in said converting step and a retransmission in said transmitting step every time an electronic mail as notification for an error is received in said receiving step.

23. (currently amended): A computer-readable storage medium which stores a program for causing a computer to execute a communication method by a computer, the communication method used in a communication apparatus connected via connecting means to a communication network containing an electronic mail exchange device, the program comprising:

- an inputting step, of inputting image data representing an image;
- a transmitting step, of transmitting an electronic mail to which the image data inputted in said inputting step is attached, via the connecting means;

a receiving step, of receiving an electronic mail as notification of an error, via the connecting means;

an analyzing step, of analyzing the electronic mail as notification of the error, received in said receiving step;

a converting step, of converting a size of the image data inputted in said inputting step into a smaller size according to an analysis result obtained in said analyzing step;

a controlling step, of automatically carrying out a controlling operation so as to retransmit the electronic mail to which the image data with the size thereof converted in said converting step is attached, by execution of said transmitting step, in response to reception in said receiving step of the electronic mail as notification of the error which indicates that the size of the electronic mail transmitted in said transmitting step is too large; and

an outputting step, of outputting a report including at least a transmitting date, a destination, ~~and information for specifying a conversion method, for converting the size of the input image data into the smaller size, used in said converting step~~ original information for specifying a parameter of the image data input by said input means, and retransmission information for specifying a parameter of the image data which has been converted by said converting means, in a case where the retransmitting of the electronic mail in said transmitting step has been carried out.